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FEBRUARY, 1932

SEED FOR NURSEYMEN

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Fruit and Nut Tree Seed

The Amygdalus and Citrus quoted below were recommended by an Australian Nurseryman who claims his strain exceptional. Why not try it out?

	per lb.	per 10 lbs.
AMYGDALUS persica, Peach	\$.75	....
CASTANEA dentata, American Chestnut .....	.45	\$4.00
mollissima, Korean Chestnut, resist. type .....	.70	6.00
CITRUS medica Citron	2.50	....
trifoliata, Hardy Orange	2.25	....
DIOSPYROS		
virginiana, Common Persimmon, C.S. ....	.80	7.00
JUGLANS cinnerea, Butternut .....	.35	1.50
nigra, Black Walnut .....	.40	1.75
regia, Persian Walnut .....	.45	4.00
MALUS sieboldi, Toringo Crab	3.50	32.50
sylvestris, from cultivated trees .....	.85	7.00
PRUNUS		
armeniaca siberica, Siberian Apricot ..	4.00	....
avium, Mazzord Cherry, Imp. or Dom. ..	.45	4.00
cerasifera, Myrobalan Plum, domestic ..	.90	7.50
serotina, Black Cherry .....	.50	4.50
PYRUS		
communis, from wild or natural trees ..	1.75	15.00

Fresh Australian Palm Seed

Hedyscepe canterburyana, Canterbury Palm
at \$7.00 per 100 seed or \$50.00 per 1000

Howea belmoreana, Belmore Palm

Howea fosteriana, Foster Palm
at \$3.00 per 100 seed or \$25.00 per 1000

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HERBST BROTHERS, INC.

Agents for T. Sakata & Co., Japan

92 Warren St.

New York, N. Y.

HIMALAYAN RHODODENDRONS

Available only in packets of about $\frac{1}{16}$ ounce \$1.50 cash.

ANTHOPOGON: A low shrub found at an altitude of 14,000 feet. Lvs. $1\frac{1}{2}$ in. long. Fls. funnel form $\frac{1}{2}$ in. long, yellow with white terminals.

ARBOREUM: Shrub or tree attaining 40 feet, at 8/9000 feet. Found hardy in Pennsylvania. Lvs. oblong, 4-6 in. long and distinctly veined. Fls. $1\frac{1}{2}$ in. long, in dense clusters, color range deep red to pinkish white.

ARBOREUM: Same as above but collected only from deep red flowering plants.

BARBATUM: Tree to 60 feet at 12,000 ft. Lvs. elliptic 5-7 in. long. Flowers bright, scarlet $1\frac{1}{2}$ in. across in dense trusses. Prospers in ordinary soil.

CAMELLIAEFLOREM: Six foot shrub found at 8/9000 feet altitude. Lvs. lanceolate, 2-3 long. Flowers camellia like, 1-2 in. white faintly tinged rose.

CAMPANULATUM: Large 16 feet shrub found at 13,000 feet. Lvs. elliptic-oblong 3-6 in. long. Flowers campanulate 2 in. across vary in color from purple and blue to pale lilac white. Extremely hardy.

CILIATUM: Small 2-4 feet shrub, prospering at 10,000 feet. A wonderful rock garden subject. Lvs. elliptic about 2 in. long. Fls. in May, campanulate $1\frac{1}{2}$ in. across, pale purple and rosy.

CINNABARINUM: Slender branched shrub at 11,000 feet. Lvs. almost lanceolate 2-3 in. long. Fls. April/May tubular, nodding, $1\frac{1}{4}$ in. long, brick-red to orange.

DALHOUSIAE: Straggling eight ft. shrub found at 8000 feet. Epiphytic in character. Lvs. elliptic 4-5 in. long. Flowers 3-7 in umbellate head. Blooms resemble the Bourbon Lilly, very large $4\frac{1}{2}$ in. across and have a sweet lemon scent. Color varies from yellow and pink to creamy white, often spotted orange.

EDGEWORTHII: A small straggling epiphytic pendulous shrub found upon rocks and trees at 7/8000 ft altitude. Lvs. obovate, blackish green, 3-4 in. long. Fls. May/June, few but large campanulate shape $4\frac{1}{2}$ in. across 3 in. long. White tinged blush and pale yellow.

FALCONERI: Shrub or tree attaining 30 ft. According to J. D. Hooker never found under 10,000 ft. Lvs. obovate 8-10 in. long. Fls. in heads with immense numbers, campanulate 1-2 in. across, cream colored or pale yellow with dark purple blotches.

GRANDE: Tree to 40 ft. growing at 9000 ft. Lvs. oblong-obovate 8-10 in. long 3-5 in. wide considered the largest leaves of the specie. Fls. in April, campanulate, 5 lobed, 2-3 in. across, 2-2 $\frac{1}{2}$ in. long pinkish changing to white.

HODGSONI: Shrub or small tree, 20 ft. 10/12000 feet altitude. Lvs. 12-18 in. long, thick, much wider at the end than at base, brilliant deep green. Flowers May/June, copious, campanulate, 2 in. across, dark rose to pale purple.

LANATUM: Very small shrub on tree, 10/12000 ft. altitude. Lvs. obovate with tawny wooly tomentum beneath 3-5 in. long. Fls. June, 610 broadly campanulate 2-2 $\frac{1}{2}$ in. across, yellow spotted red within. A fine rock garden plant.

LEPIDOTUM: Slender 4 ft. shrub found at 12000 ft.. Lvs. obovate, glaucous $\frac{1}{2}$ -1 $\frac{1}{2}$ in. long. Fls. 1-3, campanulate, dull purple sometimes yellow, $\frac{1}{2}$ in. across.

LEPIDOTUM var. CHLORANTHUM: 2-4 ft. shrub at 7000 ft. Fls. May/June, greenish or pale yellow, spotted greenish about 1 in. across.

MADDENI: 8 ft. shrub found 6000 ft. elevation. Lvs. lanceolate 4-6 in. long. Flowers June/August, funnel shaped, $\frac{3}{4}$ in. long, 3 in. across. White, faintly blushed, agreeably scented.

NIVEUM: Small shrub allied to R. Campanulatum. Lvs. 3-6 in. long. Fls. campanulate, 2 in. across, light rosy lilac with purple spots.

SETOSUM: Shrub about 1 ft. high. Found between 11/16000 ft. A remarkable rock garden subject. Lvs. oblong $1\frac{1}{3}$ to $\frac{1}{2}$ in. long. Fls. copious, tubular, about $1\frac{1}{2}$ across, live rose color.

THOMPSONI: Shrub, about 15 feet. Seed collected 11/13,000 ft. Lvs. oval, 2-3 in. long, thin. Fls. 8-10, campanulate, 2 in. across, glossy bright red, calyx light green.

TRIFLOREM: 6 ft. shrub, found at 7/13,000 feet. Ovate 2-3 in. long. Fls. shaped like common azalea, May/June, greenish yellow, 3 in. across.

WIGHTII: Shrub to 14 feet. 12,000 feet altitude. Lvs. 6-8 in. long. Fls. rich, yellow, spotted red within, campanulate, 2 $\frac{1}{2}$ in. across.

WIGHTII: Same as above, however, only one plant found at 13,000 feet with white bell shaped flowers, spotted crimson. Only very few packets available.

Terms

This list cancels all previous offers.

All sales are made subject to the terms and conditions of our printed catalog.

Disclaimer: We give for ourselves or our Principals no warranty, express or implied, as to the description, quality or productiveness, or in any other respect for the seed we deliver, nor will we be responsible for the crop in any way. In no case shall we or our Principals be held liable for more than the invoice value of the seed sold.

Payment: Our prices are calculated on a strictly cash basis; customers remitting with their orders will be allowed 5% discount. When remitting please add for postage and packing.

Less than 8 ozs. furnished at an advance in price of 25%; minimum order, unless specifically provided, 4 ozs. Minimum charge for any one item 25 cents.

Seed of Oriental origin is offered for account of Messrs. T. Sakata & Co., Japan's Leading Seedsmen. As their representatives in the United States and Canada you will always find us prepared to quote and assist you in locating seed originating in the Far East.

Japanese Flowering Cherries

Have arrived from Japan

The late Dr. E. H. Wilson continually urged the use of Japanese understock for the Oriental Flowering Cherries, in spite of the difficulty of their production from seed. Too often failure in germination is attributed to the quality of the seed rather than to faulty handling. Check tests through botanical institutions convince that our method of packing the seed for the long trip from Japan brings it to our customers in prime condition. Our new crop seed is now in New York. If we have your order it is immediately dispatched to you the day your order is received. The seed should AT ONCE be put in flats with moist sand. The sand must never be allowed to dry. The flats may be kept in the open where they are subject to natural stratification. In warmer climates artificial stratification is necessary as cherries require at least 12 weeks to afterripen. Sowing in the open is advisable as soon as the weather permits. One successful grower sowed his seed in a two inch deep furrow, filling it over with grain husks. This reduced the weed problem and helped supply the seed its continual demand for moisture.

	per lb.	per 10 lbs.
PRUNUS incisa, <i>Mume Cherry</i> (Mame-Zakura)	3.00	27.50
japonica, soft rose pink	4.00	....
lannesiana, <i>Hitoye Cherry</i> (Oshima C.) ..	2.25	21.00
maacki	3.00	....
mume, <i>Japanese Apricot</i> .....	.40	3.50
subhirtella, <i>Higan Cherry</i>	3 25	30.00
subhirtella pendula, <i>Shidare-Higan</i>		
<i>Weeping Cherry</i>	3.00	27.50
tomentosa, <i>Nanking Cherry</i>	3.00	27.50
triloba, <i>Flowering Plum</i>	3.00	27.50

Conifer Seed

ABIES

	per lb.	per 10 lbs.
balsamea, <i>Balsam Fir</i>	3.00	27.00
cicilica, <i>Cicilian Fir</i>	3.60	32.00
concolor, <i>White Fir</i>	1.50	12.00
firma, <i>Momi Fir</i> , grows rapidly	1.25	11.50
homolepis (brachyphylla)	2.00	17.50
lasiocarpa, <i>Alpine Fir</i>	3.00	27.00
mariesi, <i>Maries Fir</i>	2.50	22.50
nordmanniana, <i>Nordmann Fir</i>	2.50	22.50
pectinata, <i>Silver Fir</i>	1.25	11.00
sachalinensis, <i>Sakhalin Fir</i> , perfectly hardy	2.75	25.00
veitchi, <i>Veitch Fir</i>	2.60	23.00

CEDRUS atlantica, <i>Atlas Cedar</i>	3.00	27.00
atlantica argentea	3.25	....
atlantica glauca, <i>Blue Atlas Cedar</i>	4.50	40.00
deodora, <i>Deodar Cedar</i>	3.50	32.50
libani, <i>Cedar of Lebanon</i>	3.00	27.00

CEPHALOTAXUS

drupacea, <i>Japanese Plum Yew</i> .....	.75	6.50
fortunei	3.20	....
harringtonia	2.60	23.00

CHAMAECYPARIS lawsoniana, <i>Lawson C.</i>	2.50	22.00
lawsoniana argentea	4.50	40.00
nootkatensis, <i>Nootka Cypress</i>	6.00	....
obtusa, <i>Hinoki Cypress</i>	1.25	11.50
obtusa var. breviramea	2.50	....
pisidera, <i>Sawara Retinospora</i>	1.25	11.50
pisifera plumosa	8.00	....

CRYPTOMERIA

japonica elegans, <i>Plume C.</i>	5.50
japonica lobbi, <i>Lobb C.</i>	4.00

CUNNINGHAMIA

lanceolata, <i>China Fir</i>	3.00	27.50
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CUPRESSUS

arizonica, <i>Arizona Cypress</i>	2.25	20.00
macnabiana, <i>Macnab Cypress</i>	4.50	40.00
sempervirens horizontalis, <i>Spreading Italian Cypress</i>	2.00

GINGKO

biloba, <i>Maidenhair Tree</i>45	4.00
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JUNIPERUS chinensis, <i>Chinese Juniper</i> , C.S.	2.25	20.00
communis, <i>Common Juniper</i> , C.S.	1.75	16.00
communis depressa, <i>Prostrate Juniper</i> , B.	1.50	13.50
excelsa, <i>Greek Juniper</i> , C.S.	2.75	25.00
horizontalis douglasi, <i>Waukegan Juniper</i> , Berries	2.50	22.50
japonica, <i>Japanese Juniper</i> , C.S.	3.00	27.50
procumbens, <i>Hardy Chinese Creeping</i> , B.	3.50	32.50
sabina, <i>Savin Juniper</i> , C.S.	4.00	36.00
scopulorum, <i>Colorado Juniper</i> , Berries	1.50	13.50
virginiana, <i>Red Cedar</i> , (Platte River) B.	1.00	7.50
virginiana, <i>Red Cedar</i> (Northern), Berries	1.35	12.00

LARIX europaea, <i>European Larch</i>	1.50	13.50
leptolepis, <i>Japanese Larch</i>	3.50	31.50
siberica, <i>Siberian Larch</i>	5.00	45.00

LIBOCEDRUS

decurrens, <i>California Incense Cedar</i>	2.00	18.00
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PICEA canadensis, <i>White Spruce</i>	2.50	22.50
engelmanni, <i>Engelman Spruce</i>	4.00	36.00
excelsa, <i>Norway Spruce</i>	1.25	11.50
glauca albertiana, <i>Black Hills Spruce</i>	4.50	41.00
jezoensis hondoensis, <i>Hondo Spruce</i>	3.50	32.50
mariana, <i>Black Spruce</i>	8.50	78.00
orientalis, <i>Oriental Spruce</i>	10.00	....
pungens, <i>Colorado Spruce</i>	4.50	42.00
sitchensis, <i>Sitka Spruce</i>	4.75	42.50

CONIFER SEED—Cont'd

	per lb.	per 10 lbs.
PINUS aristata, <i>Bristlecone Pine</i>	2.25	20.00
bungeana, <i>Lacebark Pine</i>	2.00	18.00
canariensis, <i>Canary Island Pine</i> (genuine)	2.00	18.00
cembra, <i>Swiss Stone Pine</i> .....	.90	8.00
densiflora, <i>Japanese Red Pine</i>	1.25	11.50
echinata, <i>Short Leaf Pine</i>	6.00	54.00
edulis, <i>Nut Pine</i>	1.00	9.00
excelsa, <i>Himalayan Pine</i>	3.00	27.00
flexilis, <i>Limber Pine</i>	2.50	22.50
halepensis, <i>Aleppo Pine</i>	1.70	....
koraiensis, <i>Korean Pine</i> .....	.75	6.50
lambertiana, <i>Sugar Pine</i>	2.50	22.50
massoniana, <i>Formosa Red Pine</i>	3.50	32.50
monophylla, <i>Singleleaf Pine</i>	4.75	43.50
montana, <i>Swiss Mountain Pine</i>	2.50	22.50
montana mughus, <i>Mugho Pine</i>	2.50	22.50
montana uncinata, <i>Large Swiss Pine</i>	3.00	27.00
monticola, <i>Western White Pine</i>	5.00	45.00
murrayana, <i>Lodgepole Pine</i>	6.75	62.50
nigra, <i>Austrian Pine</i>	1.80	16.00
nigra poiretiana, <i>Corsican Pine</i> (genuine)	3.25	28.00
palustris, <i>Longleaf Pine</i>	2.50	22.50
parviflora (pentaphylla), <i>Japanese White Pine</i>	2.75	25.00
peuce, <i>Macedonian Pine</i>	3.50	33.00
pinea, <i>Italian Stone Pine</i> .....	.90	8.00
ponderosa, <i>Western Yellow Pine</i> (Colo.) ..	1.75	16.00
pumila, <i>Creeping Pine</i>	2.75	25.00
rigida, <i>Pitch Pine</i>	6.50	59.00
strobis, <i>White Pine</i>	2.50	22.50
sylvestris, <i>Scots Pine</i>	2.50	22.50
sylvestris rigensis, <i>Riga Scots Pine</i>	3.50	32.50
sylvestris, <i>H. B. Special</i>	5.00	....
tabulaeformis, <i>Chinese Pine</i>	1.50	12.50
taeda, <i>Loblolly Pine</i>	5.25	47.50
tanyosho, <i>Japanese Table Pine</i> , true seed	per ¼ lb. \$5.50	17.50
thunbergi, <i>Japanese Black Pine</i>	1.25	11.50
PODOCARPUS chinensis	1.50	13.50
PSEUDOTSUGA douglasii glauca, <i>Colorado Douglas Fir</i>	5.50	50.00
SCIADOPTYS verticillata, <i>Umbrella Pine</i>	2.75	25.00
SEQUOIA sempervirens, <i>California Redwood</i>	2.50	22.50
TAXODIUM distichum, <i>Common Baldcypress</i> , ..	1.00	8.00
TAXUS baccata, <i>English Yew</i>	2.25	20.00
baccata adpressa, <i>Shortleaf English Yew</i> ..	3.60	33.50
cuspidata, <i>Japanese Yew</i>	1.25	11.00
THUJA occidentalis, <i>American Arborvitae</i>	3.50	37.50
occidentalis wareana, <i>Ware Arborvitae</i>	5.50	50.00
orientalis, <i>Oriental Arborvitae</i>	1.00	9.00
orientalis aurea, <i>Golden Oriental A.</i>	2.75	....
orientalis compacta, <i>Dwarf Oriental A.</i>	2.25	20.00
orientalis sieboldi, <i>Siebold Arborvitae</i>	2.75	25.00
standishii, <i>Standish Arborvitae</i>	4.75	45.00
THUJOPSIS dolabrata, <i>False Arborvitae</i>	2.50	22.50
TORREYA nucifera, <i>Japanese Torreya</i> , large edible nuts	1.00	9.00
TSUGA canadensis, <i>Canadian Hemlock</i>	7.00	63.00
canadensis, <i>NEW ENGLAND SEED</i>	9.50	....

Other Tree and Shrub Seed

	per lb.	per 10 lbs
ACER dasycarpum, <i>Silver Maple</i> (1932 Crop) .	.75	6.75
palmatum, <i>Japanese Maple</i>	1.65	15.50
palmatum atropurpureum, <i>Bloodleaf</i> <i>Japanese Maple</i> per ¼ lb. \$3.00		
palmatum atropurpureum dissectum, <i>Threadleaf Red Maple</i> .. per ¼ lb. \$5.00		
platanoides, <i>Norway Maple</i> .....	.75	5.00
pseudoplatanus, <i>Sycamore Maple</i> .....	.75	5.00
rubrum, <i>Red Maple</i> (1932 Crop)	1.50	13.50
saccharum, <i>Sugar Maple</i>	1.10	10.00
AESCULUS		
hippocastanum, <i>Horsechestnut</i> .....	.45	4.00
turbinata, <i>Japanese Horsechestnut</i> .....	.65	6.00
AKEBIA quinata, <i>Fiveleaf Akebia</i>	2.00	18.00
ALNUS glutinosa, <i>European Alder</i>	1.00	....
japonica	1.25	....
AMELANCHIER canadensis, <i>Downy Shadblow</i> , Berries	2.25	20.00
AMORPHA canescens	2.25	....
fruticosa .....	.95	8.50
AMPELOPSIS quinquefolia	1.00	9.00
tricuspidata (Veitchi)	1.25	11.00
ARALIA chinensis, <i>Chinese Aralia</i> , C.S.....	3.00	....
spinosa, <i>Devil's-Walkingstick</i> , C.S.....	2.50	....
ARCTOSTAPHYLOS glauca, <i>Great</i> <i>Manzanita B.</i>	2.25	....
uva ursi, <i>Bearberry</i>	1.10	10.00
ARONIA arbutifolia, <i>Red Chokeberry B.</i>.....	.90	8.00
ASIMINA tribola, <i>Papaw</i>	1.50	12.50
AZALEA kaempferi \$2.00 oz. \$7.00 ¼ lb.		
mollis, C.S. .... .75 oz. 2.00 ¼ lb.		
mucronulatum, rose colored, C.S. \$1.50 oz.		
nudifolia, <i>Pinxterbloom</i> C.S. 1.00 oz. 3.50 ¼ lb.		
occidentalis, <i>Western</i> <i>Azalea</i> , C.S. 1.50 oz. 4.50 ¼ lb.		
poukhanensis, <i>Korean</i> <i>Azalea</i> , C.S. 3.50 oz.		
quinquifolia rosa, soft pink flowering, C.S. 3.50 ½ oz.		
schippenbachii, <i>Royal</i> <i>Azalea</i> , C.S. 2.50 oz. 7.50 ¼ lb.		
vaseyi, <i>Pinkshell Azalea</i> , C.S. 2.00 oz.		
BENZOIN aestivale, <i>Spicebush</i>	1.10	10.00
umbellata, C.S.	1.50	13.50
BERBERIS thunbergii, <i>Japanese Barberry</i> , C.S.	2.50	22.50
BETULA alba, <i>European White Birch</i>.....	.75	6.00
alba pendula, <i>European Weeping Birch</i> ...	2.50	22.50
populifolia, <i>Gray Birch</i>	1.50	13.50
BIGNONIA radicans, <i>Trumpet creeper</i>	3.00	26.00
BUDDLEIA davidi, <i>Orange-eye</i>	3.50	....
BUXUS koraiensis, <i>Hardy Korean Boxwood</i> ...	4.50	40.00
sempervirens	1.80	16.00
CALLUNA vulgaris	2.75	....
CALYCANTHUS floridus, <i>Common Sweetshrub</i>	1.50	13.50
occidentalis, <i>California Sweetshrub</i>	3.75	....
CAMELLIA		
japonica, <i>Japanese Camellia</i> , mixed colors	1.50	....
sasanqua, <i>Sasanqua Tea</i>	1.10	10.00

HERBST BROTHERS, INC.

ESTABLISHED 1876

92 WARREN STREET
NEW YORK

CABLE ADDRESS
HERBST - NEW YORK
A. B. C. 5, IMP. & 6, RUD. MOSSE:
BENTLEY, RIBEIRO

To the
Practical Forester
and Nurseryman

The success of all plantings of conifers depends initially on the source of seed used. Your disappointments in the past need never be repeated in the case of *Pinus sylvestris* if you will specify our "HERBST BROTHERS' SPECIAL SCOT'S PINE SEED".

This folder tells why in a simple, straightforward way. We hope that you will examine the reproductions of the photos. Their story will convince you.

Sincerely yours,

HERBST BROTHERS, INC.



Shipped only in sealed bags
Price \$5.00 per pound



Photo by Courtesy of Ohio Agricultural Experiment Station, Wooster, Ohio

ONE-YEAR SCOT'S PINE SEEDLINGS *grown* from "H. B. SPECIAL SEED"

A glance is all you need to absorb the fact that these "H. B." seedlings are a pretty vigorous and even growing lot. They average 5 inches high and look as if they had been sheared with a lawn mower

SCOT'S PINE TREE SEEDS *from* ST

ONLY trees grown from seed with the background our "H. B. SPECIAL SEED" enjoys can be depended upon to inspire such noble lines as these:

"Regal and stately behold it stand
Above its brethren, towering grand.
A sentinel guarding the sleeping land.
Beauty and grace in its form combine
A monarch, born of a noble line.
Long may it be, ere its race decline!
Frost shall not wither a leaf of thine,
Fearless and fadeless Pine!"

The nurseryman seeks a vigorous, well-shaped tree. The problem of the practical forester is to produce for the future a stand of marketable trees which will give the greatest possible return on the investment which extends over several decades before profits can be collected. Neither can afford to take chances on the seed—only the very best justifies their undertaking.

The pictures on this page show what happens when scientifically grown seed is planted—also where seed of unknown lineage is used.

The cut below shows a section of a German forest where "H. B. SPECIAL SEED" is being collected. Note please the perfect straightness of the pines. Note too, the methods of gathering seeds. Trees are climbed and the stem-ripened cones collected by hand from the tree itself—NONE FROM THE GROUND. This stand is but a small part of a large acreage isolated under governmental authority from undesirable pollen influences and devoted to this purpose: to supply seed of the highest grade—seed that shall carry these priceless heritages—straight-growing habit and immense vitality.

LOOKING BACKWARD 160 YEARS

There's a mite of romance connected with the growing of "H. B. SPECIAL SEED."

In 1772 a group of farsighted German foresters recognizing the tremendous reforestation and ornamental values of Scot's Pine (*Pinus sylvestris*) undertook to produce a variety which could be

FOREST SCENE *where* SEEDS *are* GATHERED *from* STRAIGHT- GROWING TREES

This is a part of the 100-year-old forest-nursery referred to in the text above. Every practical forester is interested in the lumber possibilities in such a stand

A CLOSE-UP *of a* TYPICAL SEED- GATHERER

Please remember that ALL "H. B. SPECIAL SEED" are gathered from trees—never from the ground. The climber's equipment consists of: a half-bushel cone-bag slung across the shoulder; a lightweight 8 to 10 foot pole with a hooked end for drawing in the cone-bearing branches for ease in picking; and the usual lineman's climbers



GERMAN PINE FOREST PLANTATION—SOURCE OF OUR SEEDS



RAIGHT-GROWING ANCESTORS!

relied on to grow straight as well as rapidly. All Europe was searched for parents that measured up to this standard and seed secured.

This problem was an investment in decades—yes, in centuries—a period too long for one set of individuals to control. Again, the menace was ever present that cross-pollination from inferior varieties of Scot's Pine might ruin the work. So the control of the area was vested in the municipalities governing the locations ideal for the purpose. Local laws prevented others from planting Scot's Pine within the districts set aside. Thus effectual protection has been perpetual. The results have justified the methods.

RIGID ELIMINATION OF UNDESIRABLE SPECIMENS OF PINE

Regular plantings were established at definite periods in rotation to insure in subsequent years a continuous crop of seed from trees in their prime. While these seed plots were growing they received extra critical attention from experienced foresters who eliminated, first from seedlings, then from older plants, all individuals that failed to reach the predetermined standards of *growth rapidly, straight habit, resistance to weather and disease, and density and color of needles.*

Even in the older stages the trees were still watched and critically inspected—their bark, form, position of branches and lumber possibilities noted. Only those that fulfilled the high standards first decided on were permitted to survive. From such trees—under such exceptional conditions

HERBST BROTHER'S SPECIAL SCOT'S PINE TREE SEED

is gathered—the product of the most painstaking tree breeding in the last 200 years of practical forestry.

• • •

A TRIBUTE FROM FRANCE

Although France has been one of the foremost nations to promote reforestation on a large scale the authorities in charge watched this experiment with great interest. Finally recognizing its success, in 1864 they secured over 1500 pounds of this seed—in preference to their own—for the nation's reforestation work. Similar recognition has come unsolicited from other parts of Europe, Great Britain, and America.

Crooked Scot's Pine 18 Years Old Produced from Seed Gathered from "ANYWHERE and EVERYWHERE"

The hopelessness of trees such as these is obvious even to a layman. They will never pay for the investment they represent. You can prevent recurrences of misfortunes of this kind—

Plant H. B. Special Scot's Pine Seed

and obtain STRAIGHT and QUICK-GROWING TREES.

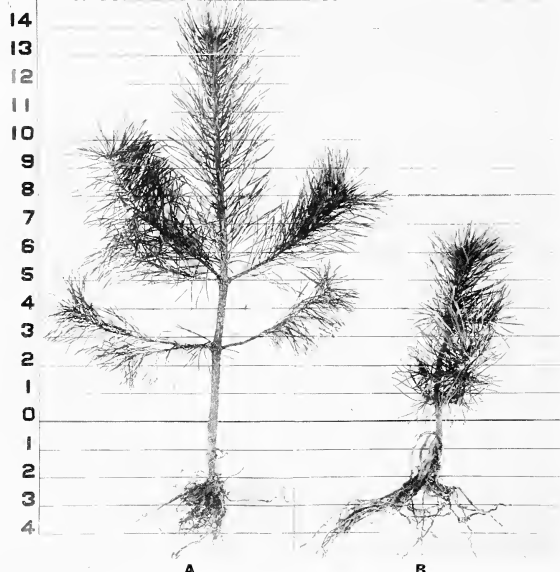


Photo by Courtesy of Ohio Agricultural Experiment Station

HERE'S PROOF of the SUPERIOR GROWING QUALITIES OF HERBST BROTHERS' "SPECIAL" SCOT'S PINE TREE SEED

EVERY season more leading Foresters and Nurserymen are becoming convinced that "H. B. SPECIAL SEED" will produce specimens of Scot's Pine as straight and perfect as any grown in Europe—just as quickly too. Its increasing prestige becomes more widespread every year. In all experiments it has produced perfectly straight stems and almost twice the height of other types in the same time. Please note the comparisons below.

15 Inches



A B
THIS COMPARISON IS WORTHY OF STUDY



C D
Photos by Courtesy of Ohio Agricultural Experiment Station

EXPLANATION OF ABOVE DIAGRAM AND COMPARISONS

Compare A with B—both 4-year Transplants
"A" is from "H. B. SPECIAL SEED"

Compare C with D—both 5-year Transplants
"D" is from "H. B. SPECIAL SEED"

"C" and "D" are both forest plantings on permanent "location."

• • •

Germination: Every ounce of "H. B. SPECIAL SEED" is taken from hand-picked cones which have been individually appraised by experienced experts. It is extracted most painstakingly so that we may honestly maintain that it is of the highest germination and viability procurable.

General Data: These trees grow from 65 to 98 feet high and attain an age of 66 to 120 years.

Knots usually on upper third of trunk—lower two-thirds clear. Needles 2 3-10 inches to 3 1-10 inches long—borne in very heavy clusters.

Color of needles; deep green from September to April—a trifle lighter from May to August.

Seedlings reach a height of 4 to 6 inches in first year—growth thereafter, 11 to 25 inches yearly.

• • •

Provenience: "H. B. SPECIAL" is collected at about 300 feet above sea level.

Longitude: 12 East—**Latitude:** 52 North.

Temperature: Maximum, 104 deg. F.—Minimum, 22 deg. F.

Precipitation: 20 to 23½ inches.

Frost Free Months: Six.

OTHER TREE AND SHRUB SEED—Cont'd

	per lb.	per 10 lbs.
CATALPA speciosa, <i>Western Catalpa</i>	1.10	10.00
CEANOTHUS americanus, <i>Jersey-tea</i> , in hull.	1.10	10.00
CELASTRUS scandens, <i>American Bittersweet</i> , Berries	1.50	13.50
CELTIS australis, <i>European Hackberry</i> .....	.95	....
CERCIS chinensis, <i>Chinese Redbud</i>	3.75	35.00
occidentalis, <i>California Redbud</i>	3.00	27.00
CHIONANTHUS virginica, <i>White Fringe</i>	3.75	35.00
CLADRASTIS lutea, <i>Yellow-wood</i>	2.00	....
CLEMATIS paniculata, C.S.	1.75	15.00
virginiana, C.S.	4.00	36.00
vitalba	1.00	9.00
viticella, <i>Italian Clematis</i>	1.50	13.50
CLETHRA alnifolia, <i>Summersweet</i>	1.50	13.50
CORNUS alternifolia, <i>Pagoda Dogwood</i> , B....	1.50	13.50
amomum, <i>Silky Dogwood</i> , B.	1.50	13.50
canadensis, <i>Bunchberry</i>	2.00	18.00
florida, <i>Flowering Dogwood</i> .....	.75	5.00
kousa, <i>Kousa Dogwood</i> , C.S.	2.45	22.50
nuttallii, <i>Pacific Dogwood</i>	1.75	15.00
sanguinea, <i>Bloodtwig Dogwood</i> , C.S.....	1.15	10.50
stolonifera, <i>Red Osier Dogwood</i>	1.50	13.50
CORYLUS americana, <i>American Hazelnut</i> , C.S. ....	.70	6.50
COTONEASTER acutifolia, <i>Pekin Cotoneaster</i>	2.00	18.00
horizontalis, <i>Rock Cotoneaster</i>	3.25	29.00
microphylla, <i>Rockspray</i>	3.50	32.50
CRATAEGUS coccinea, <i>Thicket Hawthorn</i> ...	1.25	11.50
crusgalli, <i>Cockspur Thorn</i>	1.00	9.00
monogyna, <i>English Hawthorn</i> , C.S.....	1.50	13.50
oxycantha, <i>English Hawthorn</i> , C.S.....	1.00	9.00
prunifolia, <i>Plumleaf Hawthorn</i> , C.S.....	1.00	9.00
prunifolia, <i>Plumleaf Hawthorn</i> , Berries..	.50	....
punctata, <i>Dotted Hawthorn</i>	1.25	11.50
CYDONIA japonica, <i>Japanese Quince</i>	3.50	32.00
oblonga, <i>Common Quince</i>	2.50	22.50
CYTISUS nigricans, <i>Spike Broom</i>	7.00	....
DAPHNE mezereum, <i>February Daphne</i> , C.S....	7.00	63.00
ELAEOAGNUS angustifolia, <i>Russian Olive</i>	1.00	9.00
longipes, <i>Cherry Elaeagnus</i>	3.00	27.00
EUONYMUS alatus, <i>Winged Euonymus</i> , C.S.,	1.25	11.50
americanus, <i>Brook Euonymus</i>	1.25	11.50
oxyphylla, C.S.	2.25	21.50
EXOCHORDA grandiflora, <i>Common Pearlbush</i>	3.50	31.50
FAGUS americana, <i>American Beech</i>	1.25	11.50
sylvatica, <i>European Beech</i> .....	.95	7.75
sylvatica purpurea, <i>Purple Beech</i>	2.50	22.50
FRAXINUS americana, <i>White Ash</i> .....	.90	8.25
lanceolata, <i>Green Ash</i> .....	.95	8.60
GLEDITSIA japonica, <i>Japanese Honeylocust</i> ..	1.50	13.50
triacanthos, <i>Common Honeylocust</i> ...	.90	8.25
triacanthos inermis, <i>Thornless Honeylocust</i>	1.60	14.75
HALESIA tetraptera, <i>Great Silverbell</i>	1.25	11.00
HAMAMELIS virginiana, <i>Common Witch-Hazel</i>	1.75	16.50
HEDERA helix, <i>English Ivy</i> , C.S.....	1.50	13.50
HIPPOPHAE rhamnoides, <i>Common Sea-Buck-</i> <i>thorn</i> , C.S.	1.75	16.60
HOVENIA dulcis, <i>Raisentree</i>	1.00	....
ILEX aquifolium, <i>English Holly</i> , C.S.....	1.75	15.00
crenata, <i>Japanese Holly</i> , C.S.	1.75	15.00
glabra, <i>Inkberry</i> .....	.90	8.25
opaca .....	.90	8.25
pedunculosa, <i>Longstalk Holly</i>	3.75	34.00
verticillata, <i>Common Winterberry</i>	1.25	11.50
KALMIA latifolia, <i>Mountain Laurel</i> , C.S. per oz. \$1.50	14.00	....

OTHER TREE AND SHRUB SEED—Cont'd			per lb.	per 10 lbs.
KERRIA japonica, C.S.			2.00	....
KOELREUTERIA paniculata, <i>Golden-rain Tree</i>			1.25	11.00
LABURNUM alpinum, <i>Scotch Laburnum</i>			2.00	18.00
vulgare, <i>Goldenchain</i>			1.50	13.50
LAGERSTROEMIA				
indica, <i>Common Crape Myrtle</i> , pink fl.			4.00	....
white flowering			5.00	....
LAUROCERASUS lusitanica, <i>Portugal Laurel</i>			1.50	13.50
LEUCOTHOE catesbaei, <i>Drooping Leucothoe</i> , C.S. oz. \$2.00 ¼ lb. \$6.00				
LIGUSTRUM ibota, C.S.			1.00	9.00
japonicum, <i>Japanese Privet</i> .....			.75	6.50
vulgare, <i>European Privet</i> .....			.90	8.25
LIQUIDAMBER styraciflua, <i>Sweetgum</i>			3.20	29.00
LIRIODENDRON tulipifera, <i>Tulip Tree</i>			1.25	11.00
LONICERA maacki, <i>Amur Honeysuckle</i>			4.00	....
MAGNOLIA acuminata, <i>Cucumbertree</i>			2.00	18.00
grandiflora, <i>Southern Magnolia</i>			2.00	18.00
stellata, <i>Star Magnolia</i>			3.50	....
lennei, domestic, C.S.			4.00	35.00
tripetala, <i>Umbrella Magnolia</i>			2.00	18.00
MAHONIA aquifolium, <i>Oregon Hollygrape</i> , C.S.			3.00	27.00
japonica, <i>Clean Seed</i>			3.25	30.00
MORUS alba tatarica			2.50	22.50
MYRICA carolinensis, <i>Northern Bayberry</i> , B..			1.80	16.00
cerifera, <i>Southern Waxmyrtle</i> , B.....			1.60	....
NANDINA domestica, <i>Berries</i>			1.10	10.00
NYSSA sylvatica, <i>Tupelo</i>			1.30	11.50
OXYDENDRUM aboreum, <i>Sourwood</i> , in hull.			1.25	11.00
PALIURUS spina-christi, <i>Christ Thorn</i>			1.15	10.50
PITTOSPORUM				
undulatum, <i>Orange Pittosporum</i>			2.90	26.00
PLATANUS occidentalis, <i>American Planetree</i>			.85	7.50
orientalis, <i>European Planetree</i> .....			.80	7.20
POPULUS tremula, <i>European Aspen</i>			1.50	13.50
PTEROCARYA rhoifolia, <i>Japanese Wingnet</i> ..			1.25	11.50
PYRACANTHA coccinea lalandi, C.S.....			2.00	....

QUERCUS

	per lb.	
alba, <i>White Oak</i>25	Ask for prices on quantities
cerris, <i>European Turkey Oak</i>.....	.50
coccinea, <i>Scarlet Oak</i> .....	.25
ilex, <i>Holly Oak</i> .....	.75
lyrata, <i>Overcup Oak</i> .....	.35
nigra, <i>Water Oak</i> .....	.30
palustris, <i>Pin Oak</i> .....	.30
phellos, <i>Willow Oak</i> .....	.35
prinus, <i>Chestnut Oak</i> .....	.45
robur, <i>English Oak</i> .....	.40
rubra, <i>Common Red Oak</i> .....	.25
sessiflora, <i>Durmast Oak</i> .....	.60
stellata, <i>Post Oak</i> .....	.25
velutina, <i>Black Oak</i> .....	.25

	per lb.	per 10 lbs.
RHAMNUS alaternus, <i>Italian Buckthorn</i> , C.S..	2.00	18.00
alpina, <i>Alpine Buckthorn</i> , C.S.	1.75	16.00
cathartica, <i>Common Buckthorn</i> , C.S.	1.75	16.00
frangula, <i>Glossy Buckthorn</i> , C.S.	1.30	11.50
purshiana, <i>Cascara Buckthorn</i> , B.....	3.50	33.50
RHODODENDRON brachycarpum,		
hardy white flowering, C.S..... oz. \$2.50		
californica, <i>Coast</i> <i>Rhododendron</i> , C.S. oz. \$1.50 ¼ lb. \$5.00		
caroliniana, <i>Carolina Rhododendron</i> Pods	¼ lb. \$2.00	
catawbiense, <i>Catawba Rhododendron</i> oz. \$1.40 ¼ lb. \$4.75		
chrysanthemum, C.S. ¼ oz. \$3.00		

OTHER TREE AND SHRUB SEED—Cont'd

RHODODENDRON—Cont'd

hybrids, mxd. C.S. $\frac{1}{4}$ oz. \$2.50 $\frac{1}{2}$ oz. \$4.50keiskei, C.S. $\frac{1}{4}$ oz. \$3.00maximum, *Rosebay Rhododendron*.C.S. oz. \$1.70 $\frac{1}{4}$ lb. \$5.50metternichii, *Leatherleaf Rhodo-**dendron*, C.S. pink oz. \$4.00ponticum, *Pontic Rhododendron*.C.S. oz. \$1.30 $\frac{1}{4}$ lb. \$4.00

per lb. per 10 lbs.

RHUS cotinus, *Common Smoketree*, in hulls.. 3.25 29.50typhina, *Staghorn Sumac*, in hulls..... .85 7.70

RIBES

aureum, *Slender Golden Currant*, C.S..... 10.00

aureum, Berries 4.00

sanguineum, *Winter Currant* 5.00 45.00ROBINIA pseudoacacia, *Common Locust*..... .50 4.50ROSA canina, *Dogbrier*, C.S.75 7.00lucida, *Virginia Rose*75 7.00

multiflora, domestic thornless berries..... .65 5.50

rubiginosa, *Sweetbrier*, Berries..... 1.20 11.00rubrifolia, *Clean Seed* 2.00 18.00wichuriana, *Wichurian Rose*, C.S..... 1.20 11.00SAMBUCUS canadensis, *American Elder*, B... 1.60 14.50SASSAFRAS variifolium, *Common Sassafras*.. 1.20 11.00SCHIZOPHRAGMA hydrangeoides, *Japanese Hydrangea Vine* 7.00 65.00SORBUS americana, *American Mountain Ash*, Berries 1.15 10.50aria, *White Beamtree*, C.S. 1.25 11.00aucuparia, *European Mountain Ash*, Berries 1.00 9.00STERCULIA platanifolia, *Chinese Parasoltree* 1.25 11.50

STEWARTIA monadelpha C.S. 4.00 36.00

STYRAX obassia, *Fragrant Snowball*, C.S..... 3.50SYRINGA dilatata, C.S. per $\frac{1}{4}$ lb. \$3.00 10.00SYMPLOCOS paniculata (crataegoides), *Asiatic Sweetleaf* 3.00 27.50japonica, *Japanese Tree Lilac*, C.S.

perfectly hardy oz. 1.50

persica, *Persian Lilac*, C.S. per $\frac{1}{4}$ lb. \$2.00vulgaris, *Common Lilac*, C.S. 3.50 31.50TAMARIX gallica, *French Tamarix* 2.00 18.00

THEA japonica70 6.00

TILIA americana, *American Linden*, Berries.. 1.25 11.50americana macrophylla, *Bigleaf American Linden* 1.40 13.00cordata, *Littleleaf European Linden*..... 1.20 11.00platyphyllos, *Bigleaf European Linden*... 1.10 10.00tomentosa, *Silver Linden* 1.00 9.00vulgaris, *Common Linden* 1.25 11.00ULMUS americana, *American Elm* 1.00 9.00pumila, *Di. Asiatic Elm* 2.50 22.50VIBURNUM acerifolium, *Mapleleaf Viburnum*, B.90 8.00americanum, *American Cranberrybush*, B. 1.25 11.50

carlesii, C.S. 9.00 80.00

cassinoides, *Witherod*, B. 1.25 11.00dentatum, *Arrowwood*, B. 1.25 11.00dilatatum, *Linden Viburnum*, C.S..... 1.65 15.00lantana, *Wayfaring Tree*, C.S. 2.50 22.50lentago, *Nannyberry*, B. 1.25 11.00odoratissimum, *Sweet Viburnum*, C.S..... 2.75 25.00opulus, *European Cranberry*, C.S..... 2.50 22.50prunifolium, *Blackhaw*, B. 1.50 13.50sargentii, *Sargent Cranberrybush*, C.S. 2.75 25.00sieboldii, *Siebold Viburnum*, C.S. 2.75 25.00tomentosum, *Doublefile Viburnum*, C.S. .. 2.50 22.50VITEX agnus castus *Lilac Chaste Tree*..... 1.50 13.50

OTHER TREE AND SHRUB SEED—Cont'd per lb. per 10 lbs.

VITIS coignetiae, *Gloryvine*, C.S.

(V. kaempferi)	1.35	12.00
WISTERIA frutescens, <i>American Wisteria</i>	3.50	31.50
sinensis, blue	1.00	8.00
sinensis, white	2.00	17.50
sinensis multijuga, blue	3.25	29.00
ZELKOVA serrata (acuminata), <i>Sawleaf Zelkova</i>	2.00	18.00

Seed of Flowering Plants

The limited demand for many rare types of Flower Seed makes publication of prices unprofitable. If you do not find quoted varieties you need, please write us particulars with common and botanical names and quantities required.

ACHILLEA

ageratum, scented, yellow	per ounce	\$1.25
millifolium kelwayi, magenta red	"	3.00
ptarmica (Sneezewort) The Pearl, dble. white.	"	3.40

ACONITUM (Monk's Hood)

fischeri, deep blue	"	1.60
japonicum, bright blue	"	1.80
lycotinum, pale yellow	"	1.75
wilsoni, mauve	"	3.20

ADENOPHORA (Ladybell)

lilifolia, fragrant pale blue	"	1.75
polymorpha, purple blue	"	4.00

ADONIS

aestivalis, red	per ½ lb.	\$0.50
vernalis, rich yellow	"	2.50

AGAPANTHUS

umbellatus, blue	per ¼ oz.	\$0.90
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AGERATUM

mexicanum, Blue Perfection, large-fl.....	"	.30
mexicanum, tall mixed	"	.25
mexicanum, large-fl. white	"	.25

AGROSTEMMA

coeli-rosa (Rose of Heaven).....	"	.30
coronaria (Lychnis), Rose Champion	"	.30

ALTHEA

ficifolia, Antwerp Hollyhock, mixed	"	.30
officinalis, Marsh Mallow, pink	"	.25

ALYSSUM

argenteum, yellow	"	1.25
benthami (Sweet Alyssum)	"	.25
benthami compactum, Little Gem, white.....	"	.25
rostratum, yellow	"	2.00
saxatile compactum, golden	"	.75
saxatile sulphureum,		
sulphur yellow	per ½ oz.	\$2.50

ANCHUSA

capensis, dark blue	"	.25
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ANDROSACE

cornopifolia, white	"	2.00
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ANEMONE

coronaria, Chrysanthemum-dble. single mixed.	"	1.10
coronaria, St. Brigid	"	2.25
pulsatilla, white	"	4.90
pulsatilla, lilac	"	4.00

ANTHEMIS

tintoria, yellow	"	.30
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ANTHERICUM (Liliastrum)

St. Bruno's Lily, pure white..	per ½ oz.	\$1.20
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ANTIRRHINUM (Snapdragon)

nana, semi-dwarf mixed	"	.35
nana, semi-dwarf mixed	"	.35

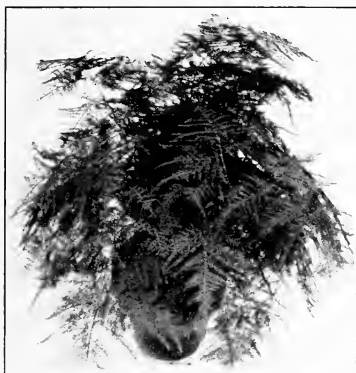
AQUILEGIA

alpina, blue	"	2.00
canadensis, old rose with yellow.....	"	1.35
coerulea, sky blue	"	2.00
flabellata nana alba,		
early white fl.	per ⅓ oz.	\$1.80
jaetschaui, large yellow peach red spurs.....	"	3.25
long spurred hybrids, mixed	"	1.50
vulgaris, single mixed	"	.25
vulgaris, double-fl. mixed	"	.40

ARABIS (Rock Cress)

albida, white	"	1.90
aplina, dwarf white	"	.45
racemosa, dwarf white large-fl.	"	1.10
rosea, live rose-colored	per ¼ oz.	\$2.25

FLOWERING PLANT SEED—Cont'd

**ASPARAGUS**

plumosus nanus

per 1000 seed \$.80

per 10000 seed 7.00

ARCTOTIS

grandis, African Lilac Daisy per ounce \$.50

ARENARIA

montana, white per ½ oz. \$2.25

ARNICA

montana, fragrant yellow per ½ oz. \$0.70

ASCLEPIAS

tuberosa orange per ¼ oz. \$0.85

ASPERULA

odorata white " .50

ASTER

alpinus, mixed blue shades " .50

sinensis, single mixed " .25

ASTILBE

arendsii gloria, dark rose

tinted Lilac hybrids..... per ¼ oz. \$4.00

davidii, bright red per ¼ oz. 2.00

thunbergi, creamy white per ¼ oz. 2.00

AUBRIETTA

deltoidea bougainvillei,

dwarf dark blue per ½ oz. \$3.00

deltoidea graeca, dwarf light blue..... " 2.80

deltoidea Leichtlinii, deep rose per ⅛ oz. \$2.50

deltoidea Whitewell Gem.

rosy purple tinged blue.... per ½ oz. 4.00

BAPTISIA

australis, deep blue " 2.00

BELLIS

perennis, double flowering mixed " 1.20

perennis monstrosa, double rose " 2.25

perennis monstrosa, double dark red " 4.00

perennis monstrosa, double white " 2.25

BLETILLA

hyacinthina per ½ oz. \$4.00

BOCCONIA

cordata (Japanica) " .25

BROWALLIA

elata blue " .40

elata (Americana), white " .40

BUPHTHALMUM

saberfolium, Yell w Daisy " .75

CALANDRINIA

umbellata, brilliant crimson... per ½ oz. \$0.95

CALLA

aethiopica (Zantedeschia) per ¼ lb. \$2.75 " .75

CALLIOPSIS (Coreopsis)

lanceolata grandiflora " .25

FLOWERING PLANT SEED—Cont'd

CAMPANULA

grandiflora—see Platycodon		
carpatia, blue	per ounce	\$.90
carpatia, white	"	.90
medium (Canterbury Bells) single mixed	"	.25
medium (Canterbury Bells), single blue	"	.25
medium (Canterbury Bells), single lilac	"	.25
medium (Canterbury Bells), single rose	"	.25
medium (Canterbury Bells), single white	"	.25
medium (Canterbury Bells) double blue	"	1.10
medium (Canterbury Bells) double white	"	1.10
medium calycanthema, albo, white	"	1.35
medium calycanthema, blue	"	1.35
medium calycanthema rosea, rose	"	1.35
persicifolia grandiflora, blue... per ½ oz.	\$1.00	
persicifolia grandiflora, white... per ½ oz.	\$1.00	
speculum, mixed	"	.25

CANNA

indica new lg. fl. varieties mixed per ¼ lb.	2.75	"	.75
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CARNATIONS (see *Dianthus caryophyllus*)

CATANANCHE

coerulea, blue	"	1.25
coerulea, white	"	1.25

CELOSIA

childsi, (Chinese Woolflower) mixed	"	.75
childsi, crimson	"	.70
cristata (Cockscomb), dwarf mixed	"	.80
cristata, tall mixed	"	.50
pyramidalis plumosa, mixed	"	.50

CENTAUREA

cyaneus, double blue, Bachelor Button	"	.25
imperialis, mixed	"	.50
In colors, lilac, purple, rose, white	"	.50
montana	"	.60
montana alba	"	.80

CEPHALARIA

tatarica, Yellow Giant Scabious	"	.45
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CERASTINUM

tomentosum, creeping gray foliage	"	1.60
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CHELONE

barbata coccinea, scarlet	"	.65
barbata hybrida nana	"	1.15

CHRYSANTHEMUM

coronarium, double flowering mixed	"	.25
japonicum (A new Introduction) per ½ oz.	\$2.00	
leucanthemum hybridum (Shasta Daisy)	"	.25

CLARKIA

elegans fl.-pl. alba, double-white	"	.35
elegans fl.-pl. appleblossom	"	.35
elegans fl.-pl. brilliant carmine	"	.35
elegans fl.-pl. vesuv orange-scarlet	"	.35

CLEMATIS

davidiana (Heracleaefolia),		
fragrant, deep blue	per ½ oz.	\$2.50
large-flowering mixed	"	1.00
paniculata, fragrant white		
(Japanese Virgin Bower)	\$3.00 per lb.

CLEOME

pungens	"	.50
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COIX

lachrymae (Job's Tear)	per lb.	\$0.40
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COLEUS

hybrida mixed	"	1.20
hybrida large flowering mixed	"	2.00

COSMOS

early flowering giants, mixed	"	.40
late flowering, double mixed	"	.60
late flowering, choice mixed	"	.35

CRUCIANELLA

stylosa, bright purple	"	.65
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CYNOGLOSSUM

amabile, blue Chinese Forget-me-not	"	.35
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DAHLIA (Trade packets \$1.00)

double Cactus flowering, mixed	"	3.00
double Liliput small flowering, mixed	"	3.00
double choice varieties, mixed	"	1.50
single Collarette, mixed	"	1.20
single select varieties, mixed	"	.50
variabilis, dble. Cactus large-fl.		
hybrids	per ½ oz.	2.50
variabilis, Double Lilliput, small-fl. mixed	"	2.50

DELPHINIUM

belladonna, improved	"	3.50
bellamosum	"	3.50
hybridum, mixed	"	.50

DIANTHUS

caryophyllus, (Marguerite Double Carnations),		
mixed	"	.50
chinensis (Pinks), double mixed	"	.40
chinensis, single mixed	"	.35
plumarius (Grass Pinks) single mixed	"	.35

FLOWERING PLANT SEED—Cont'd

DICENTRA (Trade packets \$1.00)			
eximia	per 1/2 oz.	\$2.25	per ounce \$4.25
spectabilis (Bleeding Heart)	per 1/2 oz.	3.50	" 6.50
DICTAMNUS			
fraxinella, pink		"	1.00
fraxinella, white		"	1.00
DIGITALIS			
purpurea gloxinaeflora, mixed		"	.35
ENCHINOPS (Globe Thistle)			
ritra, globular violet		"	.40
sphaerocephalus, light blue		"	.30
ERINUS			
alpinus violet	per 1/4 oz.	\$4.00	
alpinus white	per 1/4 oz.	4.00	
ERYNGIUM			
alpinum, dark blue	per 1/2 oz.	\$1.00	
giganteum, Silver Thistle		"	.65
ERYSIMUM			
pulchellum, sulphur yellow		"	.85
ESCHSCHOLTZIA			
Californica Poppy, mixed		"	.25
EULALIA (Misconthus)			
japonica		"	.70
EUPATORIUM			
ageratoides, white	per 1/2 oz.	\$0.85	
frasesi, white		"	.60
EUPHORBIA			
heterophylla (Fire on the Mountain)		"	.70
variegata (Snow-on-the-Mountain)		"	.25
FORGET-ME-NOT—see Myosotis			
GAILLARDIA			
grandiflora, large flowered mixed		"	.35
grandiflora maxima, golden yellow		"	.85
grandiflora sanguinea, purple red		"	1.00
grandiflora oculata, light colors with red center		"	.80
picta lorenziana, double mixed		"	.35
GENTIANA			
acaulis, gentian blue	per 1/2 oz.	\$1.25	
lutea, yellow		"	.35
purpurea, rosy-purple		"	.40
GERBERA			
jamesoni hybrids 100 seeds \$0.50 500 seeds \$1.75			
GEUM			
coccinnum, scarlet		"	.90
coccinnum atrosanguineum, semi-dble, orange red		"	1.20
coccinnum, Mrs. Bradshaw, dble., brilliant red.		"	1.80
GLOBULARIA			
trichosanthes	per 1/4 oz.	\$2.60	
GODETIA			
Duchess of Albany, satin-white		"	.50
Gloriosa, compact, deep blood-red		"	.50
Tall varieties, mixed		"	.35
GYPSOPHILA			
elegans, grandiflora alba, large-fl.		"	.25
paniculata		"	.50
paniculata, double flowering		"	3.50
repens, dwarf creeper, fls. white		"	1.50
repens, dwarf creeper, fls. light rose		"	1.25
HELENIUM			
bigelovi, yellow	per 1/2 oz.	\$1.75	
HELIANTHEMUM			
mutabile		"	.70
HELICHRYSUM			
monstrosum, double mixed		"	.35
HELIOPSIS			
pitcheriana, golden yellow		"	.75
scabra zinniaeflora, semi-dble. yellow		"	.80
HELIOTROPIUM			
large flowering, double mixed		"	1.00
HELLEBORUS			
hybridus, finest mixed		"	1.25
niger, Christmas Rose		"	.70
HESPERIS			
matronalis (Sweet Rocket), purple		"	.30
matronalis (Sweet Rocket), white		"	.35
HEUCHERIA			
hybrids grandiflora, mixed	per 1/2 oz.	\$3.50	
sanguinea, crimson	per 1/4 oz.	\$2.00	
sanguinea, rose pink	per 1/4 oz.	2.00	
sanguinea splendens,			
vermillion red	per 1/4 oz.	3.00	
HIBISCUS			
mutabilis		"	.65
HOLLYHOCK (Althea Rosea)			
single and double, finest mixed		"	.25
double flowering, mixed		"	.50

FLOWERING PLANT SEED—Cont'd

INULA

royleana, large yellow per ½ oz. \$0.95

IRIS

bulleyana	per ¼ oz.	\$2.00	
chrysographes	per ¼ oz.	1.75	
clarkei	per ¼ oz.	2.50	
ensata	per ¼ oz.	1.75	
forresti	per ¼ oz.	\$2.50	
gracilipes			per ounce \$3.00
germanica	per ¼ lb.	3.25	" .80
graminea	per ¼ oz.	1.00	
japonica	per ¼ oz.	1.75	
kaempferi, collected from			
cultivated plants	per ¼ lb.	3.00	" .85
koreana	per ¼ oz.	1.75	
orientalis (sanguinea)			" .50
sibirica			" .75
sibirica orientalis			" .65
xiphoides (English Iris),			
dark blue (Royal Blue)			" 1.00
lavender			" 1.00
light blue			" 1.00
white (Mt. Blanc)			" 1.00

KOCHIA

tricophylla (Mexican Burning Bush)..... " .25

KUDZU VINE

pueraria thunbergiana per lb. \$1.75

LARKSPUR

stock flowered tall double mixed " .25

tall double mixed " .25

LATHYRUS

latifolius, mixed	" .45
latifolius, magenta red	" .50
latifolius, pink	" .60
latifolius, white	" .80

LAVANDULA

vera, Clean Seed " .40

LEONTIPODIUM

alpinum, Edelweiss per ½ oz. \$2.00

LIATRIS

pycnostachya	" 1.25
scariosa	" .95
spicata	" .95

LILIUM

amabile	" 2.00
auratum	" 1.00
auratum platyphyllum (Macranthum)	" 1.00
backhouse hybrids	per ¼ oz. \$5.00
cernuum	" 1.50
columbianum	" 2.00
concolor	" 2.50
concolor pulchellum	" 2.50
cordifolium	" 1.00
croceum	" 1.75
davuricum	" 2.50
giganteum himalaicum	" 3.00
henryi	" 3.00
japonicum, pink (Krameri)	" 2.00
martagon	" 1.75
martagon dalmaticum	per ¼ oz. \$5.00
maximowiczii (see L. ventusum fujihirto)	
nepalense (Himalayan origin)..	per ¼ oz. \$2.00
occidentalis	" 3.00
parryi	per ¼ oz. 3.00
philippinense formosanum	" 2.50

LILIUM PHILIPPINENSE FORMOSANUM

We also have available a small quantity of a strain specially bred by T. Sakata & Co. It flowers a bit more quickly and of its blooms at least 60% are of the purest pure white.

Sakata's L. philippinense formosanum

\$2.00 per ½ oz. \$4.00 per oz.

regale	" .70
roezli	per ¼ oz. \$1.50
rubellum	" 2.00
rubescens	per ¼ oz. \$2.00
speciosum magnificum	" 3.00
sulphur-gale hybrids,	
(Sulphureum X Regale)....	per ¼ oz. 3.50
superbum	" 2.00
tenuifolium	" 1.50
ventusum fujihirato (Maximowiczii)	" 2.00
wallichianum	per ¼ oz. \$2.00
washingtonianum	" 2.00

FLOWERING PLANT SEED—Cont'd.

LINARIA

alpina, violet blotched orange ..per 1½ oz. \$3.00	
cymbalaria, lilac	per ounce \$1.80
dalmatica, golden yellow	" 1.00
hendersonii ericoides, dwarf, purple	" .60

LINUM

grandiflorum, scarlet	" .25
perenne, blue	" .30
perenne, white	" .30

LOBELIA

erinus (gracilis), light blue	" .35
erinus, white	" .50

LUNARIA

hiennis kermesina, crimson	" .50
hiennis variegata, light red ..	" .50
hiennis, white	" .50

LUPINUS

annual varieties mixed	per lb. \$1.00
polyphyllus perennial, mixed	" .25
polyphyllus perennial, blue	" .25
polyphyllus perennial, rose	" .75
polyphyllus perennial, yellow (Sunshine)	" .40

LYCHNIS

arkwrighti	" 1.25
chalconica, scarlet	" .50
chalconica, white	" .80

LYTHRUM

roseum superbum	" .45
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MARIGOLD

African tall double mixed	" .25
African tall aurantiaca, orange	" .30
African tall sulphurea, yellow	" .30

MATRICARIA

eximia Golden Ball, dwarf dhle. fl.....	" 1.75
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MESEMBRIANTHEMUM

crystallinum, Ice Plant	" .25
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MIGNONETTE

odorata, large flowering, mixed	" .25
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MIMOSA

putica, Sensitive Plant	" .40
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MIMULUS

tigrinus, yellow spotted	" 1.25
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MOMORDICA

charantia (Balsam Pear)	" .25
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MYOSOTIS

alpestris nana, dwarf blue	" .90
alpestris nana, dwarf rose	" 1.10
alpestris nana, dwarf white	" 1.00
palustris, blue	" 1.50
palustris, semperflorens, dwarf blue	" 1.00

NICOTIANA (Flowering Tobacco)

hybrida, choice mixed	" .30
affinis, white, night scented	" .35

NIGELLA

damascena, double mixed	" .25
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OENTHERA

lamarkiana, large Primrose-flower	" .30
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PAEONIA

chinensis, double-fl. mixed	per lb. \$3.75
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PANSY—see also Viola

Bedding varieties, mixed	per lb. \$4.00
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PENSTEMON

digitalis, white	" .70
glaber, bright blue	" 1.20
glaber roseus, pinkish rose	" .75
oratus, blue	" .75

PETUNIA

hybrida, mixed	" .25
hybrida, General Dodd	" .50
hybrida venosa	" .50
hybrida violacea	" 1.00
hybrida, dwarf, Rose of Heaven	" .80
hybrida, dwarf, Rosy Morn	" .80
hybrida, dwarf, (nana) mixed	" .75
hybrida grandiflora, large-fl. mixed	" 2.25
hybrida grfl. fringed mxd.....	per ½ oz. \$3.50
hybrida, Balcony, large-fl. mixed	" 2.25

PHLOX

decussata, mixed	" 1.80
drummondii cuspidata (Star Phlox) mixed.....	" .55
drummondii, grandiflora finest mixed	" .40

PLATYCODON

grandiflora, blue	" 1.00
grandiflora, white	" .90
grandiflora, mixed	" .80
grandiflora nana (Mariesii), dark blue.....	" 2.50

FLOWERING PLANT SEED—Cont'd.

POPPY

nudicaule, (Iceland Poppy), mixed	per ounce	\$.50
nudicaule, double mixed	"	1.40
orientale, mixed	"	1.00
orientale, glowing red	"	1.80
orientale, orange scarlet	"	1.00
orientale, scarlet	"	.90

PORTULACA

single flowering mixed	"	.25
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PRIMULA

auricula, finest mixed	"	2.50
japonica, mixed	per ½ oz.	1.00
veris (Cowslip), mixed	per ½ oz.	1.75

PRUNELLA

grandiflora, blue	"	.50
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PYRETHRUM

roseum hybridum, single mixed	"	1.25
roseum hybridum, double mixed	"	3.00

RANUNCULUS

asiaticus superbissimus, mixed	"	.60
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RUDBECKIA

purpurea (Echinacea), purple-red	"	1.20
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SALPIGLOSSIS

emperor, exquisite mixed	"	.35
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SALVIA

bonfire, early blooming	"	1.25
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SAPONARIA

ocymoides, rose	"	.80
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SAXIFRAGA

azoon, white silver-braided....	per ⅓ oz.	\$2.25
cordifolia, rose	per ⅓ oz.	3.00
hypnoides, white mosslike....	per ⅓ oz.	2.50

SCABIOSA

annual tall large double-fl. mixed.....	"	.25
caucasia, lilac	"	1.50
perennial japonica, mixed	"	.25

SEDUM

acre, Golden Moss	per ⅓ oz.	\$1.60
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SIDALCEA

Rosy Gem	"	.95
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SILENE

alpestris, intense white	per ½ oz.	1.50
schafta, magenta	per ½ oz.	1.25

SPIREA

arungus, Clean Seed	"	.60
filipendula, white	"	.65

STATICE

incana, small white flowers...	per ½ oz.	.50
latifolia	per ½ oz.	1.25
sareptana, dark blue	per ½ oz.	1.50

STOCKS

tall large fl. single varieties, mixed.....	"	.35
tall large fl. double varieties mixed.....	"	.65

STOKESIA (Cornflower Aster)

cyanea, blue	"	1.50
cyanea, white	"	1.50

SWEET WILLIAM

double flowering, mixed	"	.30
single flowering, mixed	"	.25

THERMOPSIS

caroliniana (Lanceolata)	"	3.00
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TORENIA

fournieri, blue	"	2.00
single flowering, white	"	2.00

TRITOMA (Kniphofia)

hybrida in elegant variety.... per ¼ oz.	\$1.25	
uvaria grandiflora	"	2.20

VERBENA

hybrida mixed	"	.35
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VERONICA

longifolia	"	.85
pulchella, dwarf navy blue.... per ½ oz.	\$2.00	
repens, early dwarf, white and light blue	per ¼ oz.	2.00
perennial varieties, mixed	"	1.50

VINCA

rosea, mixed	"	.25
rosea, alba oculata	"	.25
rosea, alba pura, pure white	"	.25

VIOLA—see also Pansy

Blue Perfection	"	1.00
cornuta, finest mixed	"	1.50
odorata, mixed	"	1.25

YUCCA

filamentosa, Common Yucca	"	.50
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ZINNIA

elegans, tall double mixed	"	.25
robusta Giants, double mixed	"	.35
dahlia flowered, double mixed	"	.40
liliput dwarf, double mixed	"	.35